

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	03989
Product	L-Homoarginine
	L-HomoArg-OH
	(S)-2-Amino-6-guanidinohexanoic acid
CAS Number	156-86-5
Molecular Formula	C ₇ H ₁₆ N ₄ O ₂
Molecular Weight	188.2

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	125-129 °C
Optical Rotation	[α] _D ²⁰ = +14 ± 2° (C=2 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Assay	≥ 99%
D-Enantiomer	≤ 0.3%
Storage	Store at 0-8°C

For Laboratory Use Only